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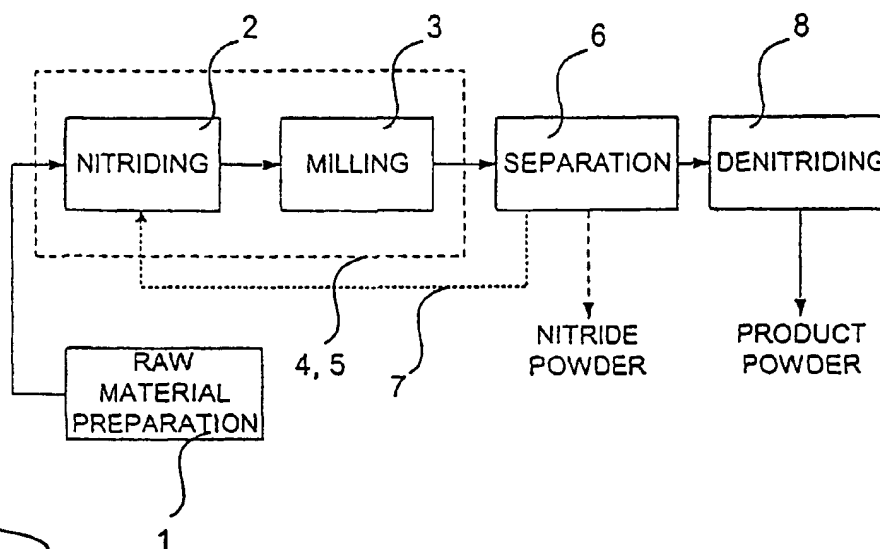
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(54) Title: PROCESS AND PLANT FOR MANUFACTURING FINE IRON AND STEEL POWDERS, FINE IRON AND STEEL
POWDERS AND USE OF POWDERS MANUFACTURED BY THE PROCESS



(57) Abstract: Process for manufacturing fine iron or steel powders. The process is especially characterized in the steps of • providing an iron based, fragmented raw material, finely divided when applicable, • providing a brittle material by transforming raw material to nitride by means of ammonia gas, • milling the nitridic material to particle sizes desired, when applicable, and • denitriding to a fine iron or steel powder. The invention also relates to a plant for manufacturing fine iron or steel powders, fine iron or steel powders and use of powders manufactured by the process according to the invention.

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